

In re application of HULLENDER et al.
Serial No. 09/528,889

IN THE LISTING OF THE CLAIMS:

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1-27. (canceled):

28. (new): A method of recognizing chirographs input into a computer system, comprising:

providing a primary recognizer for converting chirographs to shape indexes, the primary recognizer providing output including a shape index when a chirograph is input thereto;

providing a plurality of secondary recognizers to convert chirographs into code points, and associating the secondary recognizers with at least some of the shape indexes;

receiving a chirograph;

providing the chirograph to the primary recognizer and receiving a shape index therefrom;

determining by a separate look-up process whether one of the secondary recognizers is associated with the shape index, and if so, selecting that secondary recognizer as a selected secondary recognizer and passing the chirograph to the selected secondary recognizer, the secondary recognizer returning a code point; and

training the secondary recognizers by providing a first training set comprising a plurality of chirographs and actual code points for each chirograph, wherein training the secondary recognizers further comprises determining a plurality of distinguishing features of chirographs based on predetermined criteria corresponding to questions,

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and wherein training the secondary recognizers further comprises determining a question ordering by measuring the quality of each question.

29. (new): The method of claim 28 wherein the shape index comprises a code point.

30. (new): The method of claim 1 wherein at least one of the secondary recognizers comprises a CART tree.